PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control and the control and t

for FY 2004

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

MAR 2 6 2004

(()	1 720 00
(5)	1,720.00

spond to a conection of informat	ion unless it displays a valid Olyib Control number.
Сотр	elete if Known
Application Number	09/405,328
Filing Date	September 24, 1999
First Named Inventor	KIM, Sang-Bum et al.
Examiner Name	LE, Lana N.
Art Unit	265ECEIVE
Attorney Docket No.	678-362 (18934) - V

Check Credit card Mone Other None Order None Order O	METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continuedMAR 3 0 2004					
Deposit					3. ADDITIONAL FEES					
Deposit Account Deposit Ac					-			recnnology	Technology Center #6	
Q4-I121 Dilworth & Barrese LLP	Deposit								Fee Description	Fee Paid
Delivorth & Barresc LLP		04-1121			1051		2051		Surcharge - late filing fee or oath	
1053 130 130 1303 130 1303 130 1303 130 1303 130 1303 130 1303 130 1303 130 1303 130 1303 130 1303 130	Deposit Account	Dilworth	& Barrese LLP		1052	50	2052	25		
Charge fee(s) indicated below Credit any overpayments 1812 2,520 1812 2,520 1814 2250 1814 2250 1814 2250 1814 2250 1814 2250 1814 2250 1814 2250 1814 2251 1814	1.2-1.2			1053	130	1053	130	Non-English specification	I	
Charge any additional fee(s) during the pendency of this application 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1805 1,84	les			1812	2,520	1812	2,520	For filing a request for ex parte reexamination	├ ──┤┃	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	_ `	` '	<u> </u>	of this application	1804	920*	1804	920*		
1. BASIC FILING FEE Large Entity Small Entity Fee Paid 1252 420 2252 210 2252 210 2254 470 2254 470 2254 470 2254 470 2254 470 2255 2255 475 2255 2255 475 2255 2255 475 2255 2255 475 2255 2255 475 2255	Charge fee(s) indicated below, except for the filing fee				1,840*	1805	1,840*	Requesting publication of SIR after		
1. BASIC FILING FEE Large Entity Small Entity Fee	to the above-io				1251	110	2251	55		
1. SASIC FILING FEE Large Entity Small Entity Fee			***						, , ,	
Total Claims									Extension for reply within third month	950
1255 2,010 2255 1,005 Extension for reply within fifth month 1255 2,010 2255 1,005 Extension for reply within fifth month 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1452 150 2452 150 1451 1,510 Petition to revive - unavoidable 1452 150 2452 150 1451 1,510 Petition to revive - unavoidable 1452 1501 2452 150 1451 1,510 Petition to revive - unintentional 1450 1,330 2451 1451 1,510 Petition to revive - unintentional 1450 1,330 2451 1451 1,510 Petition to revive - unintentional 1450 1,330 2451 1451 1,510 Petition to revive - unintentional 1450 1,330 2451 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 1451 1,510 Petition to revive - unintentional 1452 110 2452 150 1451 1,330 2453	Fee Fee	Fee Fee	Fee Description	Fee Paid	1254	1,480	2254	740	• •	
1002 340 2002 170 Design filing fee 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2501 665 Petition to revive - unavoidable 1453 1,330 2501 665 Petition to revive - unintentional 1451 1,510 Petition to revive - unavoidable 1453 1,330 2501 665 Petition to revive - unintentional 1451 1,510 Petition to revive - unavoidable 1453 1,330 2501 665 Petition to revive - unintentional 1451 1,510 Petition to revive - unintentional 1451 1,510 Petition to revive - unintentional 1452 110 2,452 55 Petition to revive - unintentional 1453 1,330 2501 665 Petition to revive - unintentional 145	, ,		Chille Bit F		1255	2.010	2255	1.005		
1003 530									, -	
1004 770 2004 385 Reissue filing fee				ļ					•••	
1005 160 2005 80 Provisional filing fee 1451 1,510 1451 1,51			<u> </u>						**	
SUBTOTAL (1) (\$) 0.00 1452 110 2452 55 Petition to revive - unavoidable 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid below 40.00 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1806 180 1806 180 Submission of Information Disclosure Stmt 1807 50			J	 						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Paid 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 2503 320 Plant issue fee 1503 640 640 1503 640 640 1503 640 640 1503 640 640 1503 640 640 1503 640 640 1503 640 640 1503 640 640 1503 640	1003 100		Ĭ 	0.00	ł	•	l		• • • •	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Paid 1502 480 2502 240 Design issue fee 1502 480 2502 240 Design issue fee 1503 320 Plant	SUBTOTAL (1) (\$) 0.00					2453	665			
Total Claims				1	•	1				
Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Fee Code (\$) 1202					1	•	2502	240	Design issue fee	
Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent 1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1206 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1207 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1208 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1209 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1200 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1201 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1206 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1207 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1208 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1209 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1200 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1201 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1201 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1202 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1203 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1204 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1206 18 18 18		2	0** = X	<u> = 0.00</u>	1503	640	2503	320	Plant issue fee	
Large Entity Small Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Description 1806 180 1806 180 Submission of Information Disclosure Stmt 1806 180 Submission of Information Disclosure Stmt 1806 180 1806 180 Submission of Information Disclosure Stmt 1806 180 1806 180 Submission of Information Disclosure Stmt 1807 1808 1809	Claims - 3** = X = 0.00			1460	130	1460	130	Petitions to the Commissioner		
Fee Code (\$) 1202 18 1202 9 Claims in excess of 20 1201 86 1203 290 1203 145 Multiple dependent claims over original patent 1204 86 1204 43 1205 9 1205 9 1206 18 1207 18 1208 18 1209 18 12				1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Code (\$) Code (1806	180	1806	180	Submission of Information Disclosure Stmt		
1201 86 1201 43 Independent claims in excess of 3 1203 290 1204 86 1204 43 ** Reissue independent claims over original patent 1205 18 1205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) [\$\$ 0.00\$ 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2810 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Rasic Filing Fee Paid. **CULTIONAL (2) (5) 1 730 00	Code (\$)	Code (\$)		0	8021	40	8021	40		
1204 86			·		1809	770	2809	385		
1204 86 2204 43 Reissue independent claims over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 770 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid Country Capture (2) (5) 1730 00		2203 14		•	1810	770	2810	385		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0.00 1802 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid CURTOTAL (2) (\$) 1.730.00	1204 86	2204 4			1801	770	2801	385	, , , , , , , , , , , , , , , , , , , ,	770
SUBTOTAL (2) (\$) 0.00 Other fee (specify) CHAPTOTAL (2) (\$) 1.730.00	1205 18	2205	9 ** Reissue claims in e	excess of 20			I		Request for expedited examination	
The state of the s				<u> </u>						
**or number previously paid if greater: For Reissues, see above	**or number previously paid, if greater; For Reissues, see above				*Red	uced by	/ Basic	Filing F	Fee Paid SUBTOTAL (3) (\$) 1,72	20.00

(Complete (if applicable) SUBMITTED BY Registration No. 33,494 Telephone (516) 228-8484 Name (Print/Type) Date March 24, 2004 Signature

CERTIFICATION UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: March 24, 2004